

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/086252 A2

(51) International Patent Classification⁷: **H01L 51/00**

(21) International Application Number:
PCT/GB2005/000819

(22) International Filing Date: 2 March 2005 (02.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0404698.3 3 March 2004 (03.03.2004) GB

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

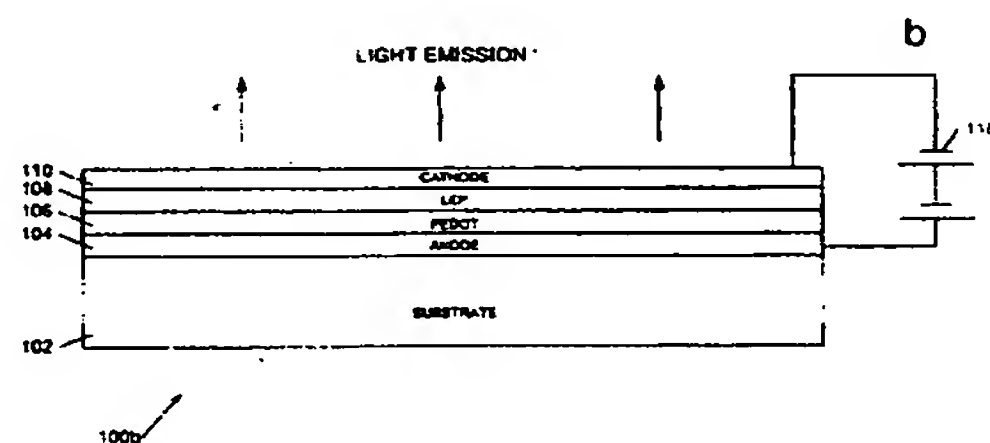
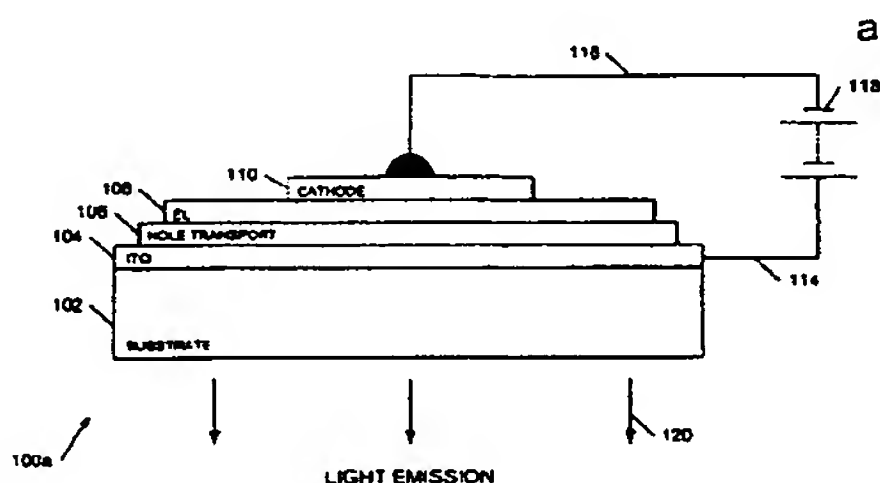
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: ORGANIC LIGHT EMITTING DIODE COMPRISING MICROLENS



(57) Abstract: An organic light emitting diode (OLED) device having at least one pixel, comprising a planar light coupling layer (2) having a front surface and a back surface, said layer having a thickness T ; a light emitting portion (3) for each pixel, disposed on the back surface of the light coupling layer (2); and a microlens (1) for each pixel, having a radius of curvature R , disposed on the front surface of the light coupling layer (2) such that its centre of curvature is within the light coupling layer (2), wherein the radius of curvature R and the thickness T are such that $R = xT$, where x has a value in the range from 0.2 to 0.8. The OLED device exhibits improved light emission through the use of the microlenses (1), formed in or attached to the light coupling layer (2), when so configured that the radius of curvature (R) to substrate thickness (T) ratio (R/T) is in the range from 0.2 to 0.8, preferably in the range from 0.45 to 0.6.

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